GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:5476
ANSWERED ON:06.04.2017
Smart Power Grid Technology
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Will the Minister of POWER be pleased to state:

(a) whether the Government is aware that as per a recent study, Smart Power Grid Technology is prone to hacking;

(b) if so, the details thereof and the reasons therefor; and

(c) whether the Government has taken any precautions in this regard, if so, the details thereof and if not, the reasons therefor?

Answer

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER,
COAL, NEW & RENEWABLE ENERGY AND MINES

(SHRI PIYUSH GOYAL)

(a) to (c) : Government of India, through Ministry of Electronics and Information Technology (MeitY) and National Critical Information Infrastructure Protection Centre (NCIIPC) has taken several steps to sensitise power utilities and key stakeholders against cyber threats.

Government of India, in line with National Cyber Security Policy 2013, has created sectoral Computer Emergency Response Teams (CERTs) to mitigate cyber security threat in power systems. Computer Emergency Response Team-Transmission (CERT-Transmission), CERT-Generation, CERT-Distribution have been formed to coordinate with power utilities. The relevant stakeholders of Smart Grid have been advised to identify critical infrastructure and use end to end encryption for data security.

All Utilities have been asked to identify a nodal senior executive as its Chief Information Security Officer (CISO) to lead the process of strengthening organizational systems with respect to cyber security and implement Information Security Management System as recommended by rules framed under the IT (Information Technology) Act 2008.

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